

## VIRO-TEC Mineral Diesel Engine Oil SAE 10W30 CF-4

### Product Description

**VIRO-TEC 10W-30 CF-4** is a high-performance mineral diesel engine oil designed to deliver reliable protection and enhanced efficiency for both turbocharged and naturally aspirated diesel engines. It ensures superior engine cleanliness, exceptional wear protection, and stable performance under the toughest operating conditions.

### Performance Benefits

- **Enhanced Engine Cleanliness:** Keeps the engine clean and free of sludge.
- **Superior Wear Protection:** Prolongs engine life by protecting moving parts.
- **Thermal and Oxidation Stability:** Resists oil thickening and deposit formation.
- **Fuel Efficiency:** Reduces fuel consumption and maintenance costs.
- **All-Weather Performance:** Ensures reliable cold starts and stable viscosity across a wide temperature range.

### Health, Safety, and Environment

- Avoid prolonged contact with oil; wash skin with soap and water after handling.
- Dispose of used oil responsibly at authorized collection points.
- Do not discharge into drains, soil, or water bodies.

### Typical Properties

| Property                    | Method     | Units              | Value |
|-----------------------------|------------|--------------------|-------|
| Density @ 15°C              | ASTM D1298 | g/ml               | 0.878 |
| Kinematic Viscosity @ 40°C  | ASTM D445  | mm <sup>2</sup> /s | 67    |
| Kinematic Viscosity @ 100°C | ASTM D445  | mm <sup>2</sup> /s | 10.6  |
| Viscosity Index             | ASTM D2270 | None               | 148   |
| CCS Viscosity @ -20°C       | ASTM D5293 | mPa.s (cP)         | 6040  |
| Sulphated Ash               | ASTM D874  | % wt               | 1.09  |
| Pour Point                  | ASTM D97   | °C                 | -30   |
| Flash Point (PMCC)          | ASTM D93   | °C                 | 232   |

Choose VIRO-TEC 10W-30 CF-4 for reliable protection, durability, and efficient performance for your diesel engine needs.

### Application

- Suitable for modern and older diesel engines, including those with turbochargers.
- Recommended for automotive diesel engines, trucks, construction vehicles, and mixed fleets of diesel and gasoline vehicles.
- Ideal for severe operating conditions and all seasons.

### Meets and Exceeds

- API CF-4
- ACEA E2-96, A3/B3
- MB 228.2
- VOLVO VDS
- MAN 3275-1
- MACK EO-K2
- MTU Type-2
- CES 20075/74/73

### Storage Instructions

- Store under cover to prevent water ingress and maintain product quality.
- Avoid exposure to temperatures above 60°C or below freezing conditions.
- Horizontal storage is recommended for drums stored outdoors.

